

Supplementary table 3. Predictive ability of the biomarkers (sCysC and uNAG) and their combination for postoperative AKI

| Logistic regression model | AUC-ROC ^a (AKI-24hour ^b) | AUC-ROC ^a (AKI-48hour ^c) | AUC-ROC ^a (AKI-72hour ^d) |
|---------------------------|---|---|---|
| Univariate models | | | |
| sCysC | 0.787(0.716-0.857) | 0.752(0.698-0.836) | 0.749 (0.696-0.801) |
| uNAG | 0.725(0.642-0.808) | 0.722(0.664-0.780) | 0.718 (0.658-0.777) |
| Multivariate model | | | |
| uNAG + sCysC | 0.828(0.765-0.890) | 0.787(0.737-0.836) | 0.785 (0.737-0.833) |

^aValues are presented as AUC-ROC (95% confidence interval); ^bAKI-24hour, the postoperative AKI occurred within the first 24 hour after operation;

^cAKI-48hour, the postoperative AKI occurred within the first 48 hour after operation; ^dAKI-72hour, the postoperative AKI occurred within the first 72 hour after operation.

Abbreviation: AUC-ROC, area under the receiver operating characteristic curve; AKI, acute kidney injury; sCysC, serum Cystatin C; uNAG , urinary

N-acetyl-β-D-glucosaminidase; Cre, creatinine concentration.